

Listing of the Claims:

1. (Original) Thermal spraying apparatus comprising a nozzle defining a throat having an inlet and an outlet and a gas flow path which is aligned with the axis of the throat, so that gas under pressure can be supplied to the inlet; at least first and second guides arranged to guide respective feedstock wires via the inlet towards a point of intersection in or adjacent an end of the throat; a power supply arranged to be connected to the feedstock wires to cause an arc in the throat between the wires; and a supply of compressed air arranged to supply air to the throat, wherein the nozzle is formed from first and second body halves, each defining a portion of the throat.

2. (Original) Thermal spraying apparatus according to claim 1 wherein the guides are arranged to direct the feedstock wires to the point of intersection so that they define an angle of between 45° and 90° between them.

3. (Original) Thermal spraying apparatus according to claim 1 or claim 2 wherein the guides comprise respective bores formed in the body halves and each intersecting the portion of the body half defining a respective portion of the throat, each bore being inclined relative to the axis of the throat.

4. (Original) Thermal spraying apparatus according to claim 3 wherein the guides include inserts receivable in the respective bores, each insert having an aperture therein through which a feedstock wire can pass, and having an inclined end face shaped complementally to the shape of the throat.

5. (Original) (Original) Thermal spraying apparatus according to claim 3 wherein the respective bores intersect locating cavities, inserts being receivable in the locating cavities so that they abut feedstock wires passing through the respective bores.

6. (Original) Thermal spraying apparatus according to claim 5 wherein the inserts are polygonal in section and define planar faces each having a locating formation for engagement with a feedstock wire in use.

7. (Original) Thermal spraying apparatus according to claim 6 wherein the inserts are square in section and define planar, rectangular faces with a groove formed in at least one face for engagement with a feedstock wire in use.

8. (Currently Amended) Thermal spraying apparatus according to ~~any one of claims 4 to 7~~ claim 4 wherein the inserts comprise copper or copper/tungsten.

9. (Currently Amended) Thermal spraying apparatus according to ~~any one of claims 1 to 8~~ claim 1 wherein the body halves are conductive, with a terminal or contact on each body half for connection to the power supply.

10. (Original) Thermal spraying apparatus according to claim 9 wherein the body halves are mounted on a non-conductive head which holds the body halves in a spaced-apart condition.

11. (Original) Thermal spraying apparatus according to ~~any one of the preceding claims~~ claim 1 wherein the throat is rectangular in cross section.